

We claim:

1. A method for printing an electroluminescent lamp comprising the steps of:
 - a. providing a front electrode having a length L4 and width W4;
 - 5 b. printing a phosphor layer having a length L3 shorter than L4 and width W3 shorter than W4 on the front electrode;
 - c. curing the front electrode and phosphor layer;
 - d. printing a dielectric layer having a length L2 the same as or shorter than L3 and width W2 the same as or shorter than W3 on
10 the phosphor layer;
 - e. curing the dielectric layer;
 - f. printing a rear electrode having length L1 shorter than L2 and width W1 shorter than W2 on the dielectric layer; and
 - g. curing the rear electrode.
- 15 2. The method of claim 1, wherein the phosphor layer, dielectric layer and rear electrode are screen-printed.
3. The method of claim 1, comprising the further step of printing an encapsulating dielectric layer on the rear electrode.
4. The method of claim 1, wherein the phosphor layer is printed on
20 the front electrode.
5. The method of claim 1, wherein the front electrode comprises a clear inherently conductive polymer that is printed over a polyester substrate.
6. The method of claim 1, wherein the front electrode comprises
25 indium tin oxide that is sputter coated on a polyester substrate.
7. The method of claim 1, wherein the dielectric layer comprises one or more diluting monofunctional, difunctional or trifunctional

monomer, one or more acrylated resin, one or more solvents,
one or more photoinitiators, one or more flow aids and one or
more pigments.

5

8. The method of claim 1, wherein the front electrode comprises
one or more solvents, one or more resins and a silver or carbon
pigment.

10

9. The method of claim 3, wherein the encapsulating dielectric layer
comprises a monofunctional, difunctional or trifunctional
monomer, an acrylated resin, one or more photoinitiators and
one or more flow aids.

15

10. An electroluminescent lamp printed via the process of claim 1.

11. An electroluminescent lamp having a front electrode having a
length L4 and width W4; a phosphor layer having a length L3
shorter than L4 and width W3 shorter than W4; a dielectric layer
having a length L2 the same as or shorter than L3 and width W2
the same as or shorter than W3; and a rear electrode having
length L1 shorter than L2 and width W1 shorter than W2 on the
dielectric layer.

20

12. The electroluminescent lamp of claim 11 further comprising an
encapsulating dielectric layer.

25